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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known	
Application Number	10/822064
Filing Date	Apr 8, 2004
First Named Inventor	Neal W. Meyer
Art Unit	
Examiner Name	unassigned
Attorney Docket Number	200312670-1

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature	/Rick Chang/	Date Considered	11/25/2007
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First Named Inventor	Neal W. Meyer		
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Examiner Name	unassigned		
Attorney Docket Number		200312670-1	

NON PATENT LITERATURE DOCUMENTS

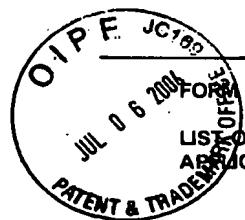
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/RC/		SHIGETOU, "Room temperature direct bonding of CMP-Cu film for bumpless interconnection", Electronic Components & Tech Conf, May 29, 2001, pgs 755-760.	
/RC/		SUGA, "Bump-less interconnect for next generation system packaging", Electronic Components & Tech Conf, May 29, 2001, pgs 1003-1008.	
/RC/		SUGA, "Surface activated bonding for new flip chip and bumpless interconnect systems", Electronic Components & Tech Conf, May 29, 2001, pgs 105-111.	

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PATENT APPLICATION

Sheet 1 of 8

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.	APPLICATION NO.	CONFIRMATION NO.
200312670-1	10/822,064	
APPLICANT		
Meyer, et al.		
FILING DATE	GROUP	
04/08/2004		

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
/RC/	1A 6284072	09/04/2001	Ryan, et al.	
	1B 6348999	02/19/2002	Summersgill, et al.	
	1C 5985084	11/16/1999	Summersgill, et al. 65	
	1D 6517995	02/11/2003	Jacobson, et al.	
/RC/	1E 6341190	01/22/2002	Summersgill, et al.	
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
/RC/	1L	WO96/35971	11/14/1996	Epigem Limited		
/RC/	1M	WO01/11591	02/15/2001	Epigem Limited		
/RC/	1N	WO98/21626	05/22/1998	Epigem Limited		
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	1P					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

/RC/	1Q	"High-resolution soft lithography"; IBM Zurich Research Laboratory, Science & Technology, Microcontact processing; http://www.zurich.ibm.com/st/microcontact/highres/ .
/RC/	1R	"Replica Molding (REM)"; Lithotemplate.html ; http://www.ee.washington.edu/research/microtech/cam/CAMreplicamolding.html .
/RC/	1S	SCHWARTZ; "Numerical modeling of liquid withdrawal from gravure cavities in coating operations; the effect of cell pattern"; Journal of Engineering Mathematics 42: 243-253,2002;

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FORM PTO-1449

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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

/RC/	2Q	"Coating Techniques"; Coating Techniques - Gravure Coating; http://www.ferron-magnetic.co.uk/coatings/gravure.htm .
/RC/	2R	TAN, et al; "Roller nanoimprint lithography"; J. VAc. Sci. Technol. B 16(6), Nov/Dec 1998; pp. 3926-3928.
/RC/	2S	"The Yasui Seiki "Micro Gravure" Coating Method"; www.yasui.com ; pp. 1-10.

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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

/RC/	3Q	STIX; "Breaking the Mold"; http://www.sciam.com/print_version.cfm?articleID=0000AAB9-BAF8-1D07-8E49809EC5... ; 2 pages.
/RC/	3R	"Continuous coating pilot plant"; ichemco; http://www.ichemco.it/eng/pilot.htm. ; 4 pages.
/RC/	3S	"Norland Optical Adhesive 83H"; http://www.gentec.be/noa83h.htm. ; 2 pages.

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4L					
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

/RC/	4Q	"Norland Optical Adhesive 83H"! http://www.norlandprod.com/adhesives/noa83h.html ; 2 pages.
/RC/	4R	SHEPHERD; "Modern coating technology systems, for paper, film and foil"; Frank Shepherd 1995; ISBN 0 902098. 6 pages.
/RC/	4S	MICHEL, et al; "Printing meets lithography: Soft approaches to high-resolution patterning"; IBM J. Res. & Dev. Vol., 45, No. 5; September 2001; pp. 697-719.

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PATENT APPLICATION

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/RC/	5Q	LEE, et al; "Design and Fabrication of CD-Like Microfluidic Platforms for Diagnostics: Polymer-Based Microfabrication"; Biomedical Microdevices 3:4, 339-351; 2001; pp. 339-351.
/RC/	5R	MA, et al.; "Low Temperature Bonding for Wafer Scale Packaging and Assembly of Micromachined Sensors"; 1998-1999; 3 pages.
/RC/	5S	GILLMOR, et al.; "Low-Contact-Angle Polydimethyl Siloxane (PDMS) Membranes for Fabricating Micro-Bioarrays"; Now at Biology and Biomedical Sciences, Yale University. 6 pages.

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DATE CONSIDERED

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PATENT APPLICATION

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FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 200312670-1	APPLICATION NO. 10/822,064	CONFIRMATION NO.
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EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
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6L					
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

/RC/	6Q	EFIMENKO, et al; "Surface Modificatin of Sylgard-184 Poly (dimethyl siloxane) Networks by Ultraviolet and Ultraviolet/Ozone Treatment"; Journal of Colloid and Interface Science 254, 306-315 (2002) doi: 10.1006/jcis.2002.8594. pp. 306-315.
/RC/	6R	"Micro-Contact Printing (uCP)"; Lithotemplate.html; http://www.ee.washington.edu/research/microtech/cam/CAMmicrocontactprinting.html ; 2 pages.
/RC/	6S	"High-resolution microcontact printing of SAMs"; IBM Zurich Research Laboratory, Science & Technology, Microcontact processing; http://www.zurich.ibm.com/st/microcontact/highres/mucp.html ; 2 pages.

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FORM PTO-1449	ATTY. DOCKET NO. 200312670-1	APPLICATION NO. 10/822,064	CONFIRMATION NO.
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

/RC/	7Q	WHITESIDES; "Soft Lighography"; http://www.wtec.org/loyola/nano/US.Review/04_02.html ; 4 pages.
/RC/	7R	STIX; "Soft Manufacturing; Shaping small structures in ruber has moved beyond a Harvard lab"; Scientific Amnerican.com ; 2 pages.
/RC/	7S	"Teflon AF: A new Generation of High-Performance Fluoropolymer Resins"; http://www.dupont.com/teflon/af/ ; 1 page.

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FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		ATTY. DOCKET NO. 200312670-1	APPLICATION NO. 10/822,064	CONFIRMATION NO.
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

/RC/	8Q	Silicone-based Adhesives; Industrial and Electronics Products; www.adhesivesresearch.com/catalog/indsil.htm
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